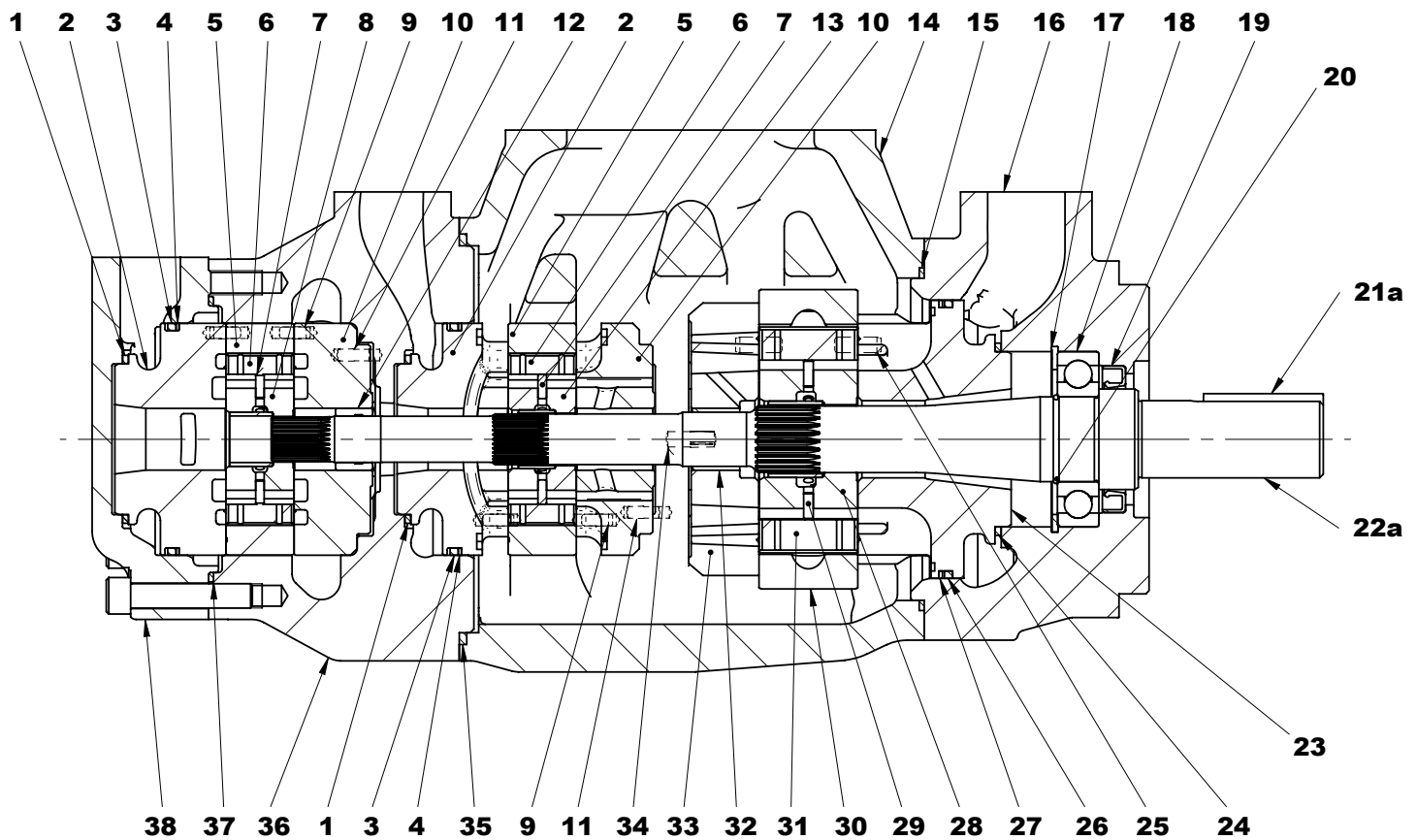




Hydraulic Pumps - Service Information

T7DBB / T7DBBS

Denison Vane - Flügelzellen - Palettes - Palette - Paletas

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding

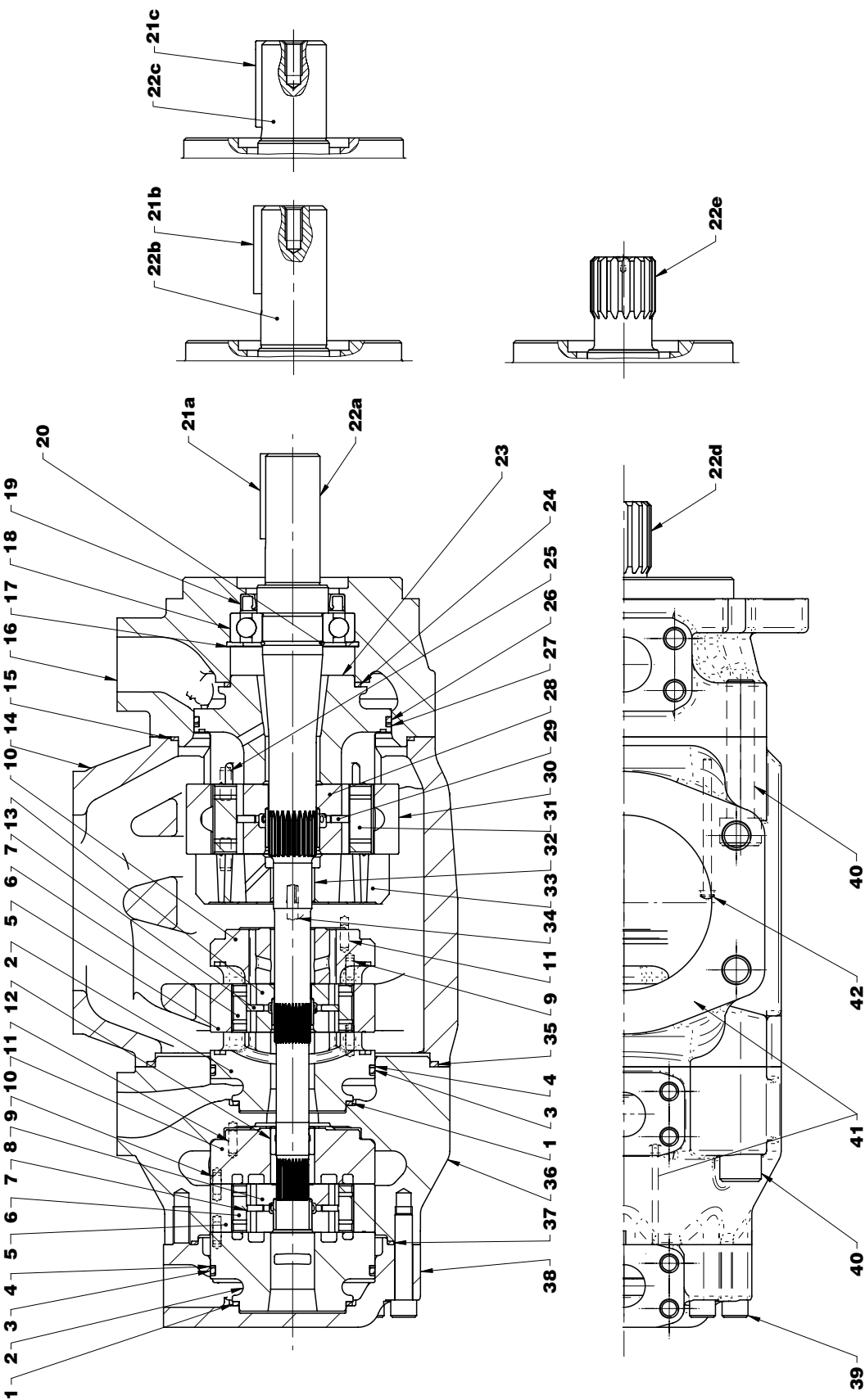


ENGINEERING YOUR SUCCESS.

T7DBB
T7DBBS

Item - Pos. - Réf. - Pos.	
39	40
Mounting torque	
Anziehdrehmoment	190 Nm 140 ft.lbs
Couple de serrage	80 Nm 60 ft.lbs
Coppia di serraggio	
Par de apriete	

Recommended repair kits and assy's are bold printed
Empfohlene Austausch - Baugruppen sind fett gedruckt
Les pochettes de rechange recommandées sont imprimées en caractères gras
I kit di ricambio consigliati sono indicati in grassetto
Los juegos de reparacion recomendados y los conjuntos, estan en negrita



Spare part list

Hydraulic Pumps

Series T7DBB*, Denison Vane Pumps

Item Pos. Réf. Pos.	Description Descrizione	Benennung Descrizione	Description	Part N° Teil Nr. Code N° Cod. N° Referencia T7DBB	Part N° Teil Nr. Code N° Cod. N° Referencia T7DBBS	Qty Stück Qté Q.tà Cant.
1	Sq. section seal Guarnizione	Dichting Junta seccion cuadrada	Joint section carrée	691-10229-0	691-10229-0	2
2	Port plate-pressure Piatto distributore anter.	Steuerplatte Piatto distribuidor-presión	Plaque press.	034-66923-0	034-66923-0	2
3	Sq. section seal Guarnizione	Dichting Junta seccion cuadrada	Joint section carrée	691-10238-0	691-10238-0	2
4	Back-up ring Anello anti-estrusione	Stützring Anillo	Bague anti-extrusion	618-00010-3	618-00010-3	2
5	Cam ring 002 Anello camma 002	Hubring 002 Aro volumétrico 002	Came 002	034-66909-0	034-66909-0	2
	Cam ring 003 Anello camma 003	Hubring 003 Aro volumétrico 003	Came 003	034-66910-0	034-66910-0	2
	Cam ring 004 Anello camma 004	Hubring 004 Aro volumétrico 004	Came 004	034-66911-0	034-66911-0	2
	Cam ring 005 Anello camma 005	Hubring 005 Aro volumétrico 005	Came 005	034-66912-0	034-66912-0	2
	Cam ring 006 Anello camma 006	Hubring 006 Aro volumétrico 006	Came 006	034-66913-0	034-66913-0	2
	Cam ring 007 Anello camma 007	Hubring 007 Aro volumétrico 007	Came 007	034-67063-0	034-67063-0	2
	Cam ring 008 Anello camma 008	Hubring 008 Aro volumétrico 008	Came 008	034-66914-0	034-66914-0	2
	Cam ring 009 Anello camma 009	Hubring 009 Aro volumétrico 009	Came 009	034-67383-0	034-67383-0	2
	Cam ring 010 Anello camma 010	Hubring 010 Aro volumétrico 010	Came 010	034-66915-0	034-66915-0	2
	Cam ring 011 Anello camma 011	Hubring 011 Aro volumétrico 011	Came 011	034-67461-0	034-67461-0	2
	Cam ring 012 Anello camma 012	Hubring 012 Aro volumétrico 012	Came 012	034-67032-0	034-67032-0	2
	Cam ring 014 Anello camma 014	Hubring 014 Aro volumétrico 014	Came 014	034-67409-0	034-67409-0	2
	Cam ring 015 Anello camma 015	Hubring 015 Aro volumétrico 015	Came 015	034-67034-0	034-67034-0	2
6	Vane Paletta	Flügel Paleta	Palette	034-66917-0	034-66917-0	24
7	Pin-vane holdout Pistoncino di sostentamento	Stössel Espiga empuje paleta	Poussoir de palette	034-66991-0	034-66991-0	24
8	Rotor ass'y Insieme rotore	Rotor Conjunto rotor	Rotor ass.	S24-49820-0	S24-49820-0	1
9	Dowel pin Spina	Zentriersift Pasador	Goupille	324-21208-0	324-21208-0	4
10	Port plate-rear Piatto distributore post.	Steuerplatte Piatto distribuidor trasero	Plaque arr.	034-66922-0	034-66922-0	2
11	Dowel pin Spina	Zentriersift Pasador	Goupille	323-82010-0	323-82010-0	2
12	Bush Bussola	Buchse Cojinete de fricción	Bague	034-59412-0	034-59412-0	1
13	Rotor ass'y Insieme rotore	Rotor Conjunto rotor	Rotor ass.	S24-51722-0	S24-51722-0	1

Spare part list

Hydraulic Pumps
Series T7DBB*, Denison Vane Pumps

Item Pos. Réf. Pos.	Description Descrizione	Benennung Descrpcion	Description	Part N° Teil Nr. Code N° Cod. N° Referencia T7DBB	Part N° Teil Nr. Code N° Cod. N° Referencia T7DBBS	Qty Stück Qté Qtà Cant.
14	Housing (standard) (metric) Corpo (standard) (metric) Housing (standard) (UNC) Corpo (standard) (UNC)	Gehäuse (Standard) (Metrisch) Cuerpo (estándar) (metrica) Gehäuse (Standard) (UNC) Cuerpo (estándar) (UNC)	Carter (standard) (métrique)	034-67639-0	034-67639-0	1
15	Sq. section seal Guarnizione	Dichting Junta seccion cuadrada	Joint section carrée	671-10159-0	034-67719-0	1
	Mounting cap (metric) Coperchio (metrica)	Deckel (Metrisch) Tapa de montage 1" (metrico)	Chapeau de montage (métrique)	034-67571-0		1
16	Mounting cap (metric) Coperchio (metrica)	Deckel (Metrisch) Tapa de montage 1" (metrico)	Chapeau de montage (métrique)		034-67695-0	1
	Mounting cap (UNC) Coperchio (UNC)	Deckel (UNC) Tapa de montage (UNC)	Chapeau de montage (UNC)		034-67696-0	1
17	Retaining ring Anello elastico	Sicherungsring Anillo de retención	Circlips	356-32283-0		1
18	Ball bearing Cuscinetto a sfera	Kugellager Cojinete de bolas	Roulement à billes	230-00207-0		1
	Shaft seal (S1 - 0,7 bar) Paraolio (S1 - 0,7 bar)	Simmering (S1 - 0,7 bar) Reten eje (S1 - 0,7 bar)	Joint d'arbre (S1 - 0,7 bar)	620-82064-0		1
19	Shaft seal (S4 - S5 - 7 bar) Paraolio (S4 - S5 - 7 bar)	Simmering (S4 - S5 - 7 bar) Reten eje (S4 - S5 - 7 bar)	Joint d'arbre (S4 - S5 - 7 bar)	620-82072-0		1
20	Round section ring Anello elastico	Sicherungsring Anillo torico	Anneau	034-70853-0		1
21a	Key (code 1) Chiavetta (codice 1)	Paßfeder (Typ 1) Chaveta (codigo 1)	Clavette (code 1)	034-19579-0		1
21b	Key (code 2) Chiavetta (codice 2)	Paßfeder (Typ 2) Chaveta (codigo 2)	Clavette (code 2)	034-66981-0		1
21c	Key (code 5) Chiavetta (codice 5)	Paßfeder (Typ 5) Chaveta (codigo 5)	Clavette (code 5)	034-30168-0		1
22a	Shaft (keyed) (code 1) Albero a chiavetta (codice 1)	Welle für Paßfeder (Typ 1) Eje chaveteado (codigo 1)	Arbre à clavette (code 1)	034-67720-0		1
22b	Shaft (keyed) (code 2) (SAE CC) Albero a chiavetta (codice 2) (SAE CC)	Welle für Paßfeder (Typ 2) (SAE CC) Eje chaveteado (codigo 2) (SAE CC)	Arbre à clavette (code 2) (SAE CC)	034-67721-0		1
22c	Shaft (keyed) (code 5) (ISO 3019-2 - G38M) Albero a chiavetta (codice 5) (ISO 3019-2 - G38M)	Welle für Paßfeder (Typ 5) (ISO 3019-2 - G38M) Eje chaveteado (codigo 5) (ISO 3019-2 - G38M)	Arbre à clavette (code 5) (ISO 3019-2 - G38M)	034-67723-0		1
22d	Shaft (splined) (code 3) (SAE C) Albero a scanalato (codice 3) (SAE C)	Vielkelwelle (Typ 3) (SAE C) Eje estriado (codigo 3) (SAE C)	Arbre à cannelures (code 3) (SAE C)			1
22e	Shaft (splined) (code 4) (SAE CC) Albero a scanalato (codice 4) (SAE CC)	Vielkelwelle (Typ 4) (SAE CC) Eje estriado (codigo 4) (SAE CC)	Arbre à cannelures (code 4) (SAE CC)	034-67650-0		1
	Port plate-pressure (Except cam rings 045 - 050) Piatto distributore anter. (Excepto anello camma 045-050)	Steuerplatte (außer Hubringe 045-050) Plato distribuidor-presión (Excepto los aros 045-050)	Plaque pression (Excepté cannes 045 - 050)	034-67479-0		1
23	Port plate-pressure C.C.W. (Only cam rings 045 - 050) Piatto distributore anter. antioraria (Solo anello camma 045-050)	Steuerplatte Linkslauf (nur Hubringe 045-050) Plato distribuidor-presión giro I (Solo los aros 045-050)	Plaque press. rot. G. (Seul. cannes 045-050)	034-67113-0		1
	Port plate-pressure C.W. (Only cam rings 045 - 050) Piatto distributore anter. oraria (Solo anello camma 045-050)	Steuerplatte Rechtslauf (nur Hubringe 045-050) Plato distribuidor-presión giro D (Solo los aros 045-050)	Plaque press. rot. D. (Seul. cannes 045-050)	034-67111-0		1
24	Sq. section seal Guarnizione	Dichting Junta seccion cuadrada	Joint section carrée	691-10232-0		1
25	Dowel pin Spina	Zentrierstift Pasador	Goupille	324-21612-0		2
26	Sq. section seal Guarnizione	Dichting Junta seccion cuadrada	Joint section carrée	691-10244-0		1



Item Pos.	Description Descrizione	Benennung Descrpcion	Description	Part N° Teil Nr. Cod. N° Referencia T7DBB	Part N° Teil Nr. Cod. N° Referencia T7DBBS	Qty Stück Qté Q.tà Cant.
27	Back-up ring Anello anti-estrusione	Stützring Anillo	Bague anti-extrusion	AD	618-00011-3	1
28	Rotor ass'y (Except cam rings 045 - 050) Insieme rotore (Eccetto anello camma 045-050)	Rotor (außer Hubringe 045-050) Conjunto rotor Excepto los aros 045-050)	Rotor ass. (Excepté cammes 045 - 050)	A	S24-73783-0	1
	Rotor ass'y (Only cam ring 045 - 050) Insieme rotore (Solo anello camma 045-050)	Rotor (nur Hubringe 045-050) Conjunto rotor (Solo los aros 045-050)	Rotor ass. (Seul. cammes 045-050)	A	S24-10121-0	1
	Pin-vane holdout (Except cam rings 045 - 050) Pistoncino di sostentamento (Eccetto anello camma 045-050)	Stossel (außer Hubringe 045-050) Espiga empuje paleta (Excepto los aros 045-050)	Poussoir de palette (Excepté cammes 045 - 050)	A	034-59098-0	12
	Pin-vane holdout (Only cam ring 045 - 050) Pistoncino di sostentamento (Solo anello camma 045-050)	Stossel (nur Hubringe 045-050) Espiga empuje paleta (Solo los aros 045-050)	Poussoir de palette (Seul. cammes 045-050)	A	034-59130-0	10
	Cam ring 014 Anello camma 014	Hubring 014 Aro volumetrico 014	Came 014	A	034-67469-0	1
	Cam ring 017 Anello camma 017	Hubring 017 Aro volumetrico 017	Came 017	A	034-67470-0	1
	Cam ring 020 Anello camma 020	Hubring 020 Aro volumetrico 020	Came 020	A	034-67159-0	1
	Cam ring 022 Anello camma 022	Hubring 022 Aro volumetrico 022	Came 022	A	034-67482-0	1
	Cam ring 024 Anello camma 024	Hubring 024 Aro volumetrico 024	Came 024	A	034-67158-0	1
	Cam ring 028 Anello camma 028	Hubring 028 Aro volumetrico 028	Came 028	A	034-67157-0	1
30	Cam ring 031 Anello camma 031	Hubring 031 Aro volumetrico 031	Came 031	A	034-67156-0	1
	Cam ring 035 Anello camma 035	Hubring 035 Aro volumetrico 035	Came 035	A	034-67155-0	1
	Cam ring 038 Anello camma 038	Hubring 038 Aro volumetrico 038	Came 038	A	034-67154-0	1
	Cam ring 042 Anello camma 042	Hubring 042 Aro volumetrico 042	Came 042	A	034-67153-0	1
	Cam ring 045 Anello camma 045	Hubring 045 Aro volumetrico 045	Came 045	A	034-59131-0	1
	Cam ring 050 Anello camma 050	Hubring 050 Aro volumetrico 050	Came 050	A	034-66737-0	1
	Vane (Except cam rings 045 - 050) Paletta (Eccetto anello camma 045-050)	Flügel (außer Hubringe 045-050) Paleta (Excepto los aros 045-050)	Palette (Excepté cammes 045 - 050)	A	034-67453-0	12
	Vane (Only cam ring 045 - 050) Paletta (Solo anello camma 045-050)	Flügel (nur Hubringe 045-050) Paleta (Solo los aros 045-050)	Palette (Seul. cammes 045-050)	A	034-53588-0	10
	Bush Bussola	Buchse Cojinete de fricción	Bague	AMNP	034-70868-0	1
	Port plate-rear (Except cam rings 045 - 050) Piatto distributore post. (Eccetto anello camma 045-050)	Steuerplatte (außer Hubringe 045-050) Plato distribuidor trasero ((Excepto los aros 045-050)	Plaque arrière (Excepté cammes 045 - 050)	AM	034-67478-0	1
33	Port plate-rear C.W. (Only cam ring 045 - 050) Piatto distributore post. Antioraria (Solo anello camma 045-050)	Steuerplatte Linkslauf (nur Hubringe 045-050) Plato distribuidor trasero giro l (Solo los aros 045-050)	Plaque arr. rotation gauche (Seul. cammes 045-050)	AN	034-67114-0	1
	Port plate-rear C.W. (Only cam ring 045 - 050) Piatto distributore post. Oraria (Solo anello camma 045-050)	Steuerplatte Rechtslauf (nur Hubringe 045-050) Plato distribuidor trasero giro D (Solo los aros 045-050)	Plaque arr. rotation droite (Seul. cammes 045-050)	AP	034-67112-0	1
	Dowel pin Spina	Zentrierstift Pasador	Goupille	AMNP	323-82004-0	1
35	Sq. section seal Guarnizione	Dichting Junta seccion cuadrada	Joint section carrée	BD	671-10259-0	1

Item Pos.	Description Descrizione	Benennung Descrizione	Description	Part N° Tell Nr. Code N° Cod. N° Referencia T7DBB	Part N° Tell Nr. Code N° Cod. N° Referencia T7DBBS	Qty Stück Qté Q.tà Cant.
	Port block UNC Corpo bocche UNC	Anschlußblock UNC Bloque distribuidor UNC	Palier UNC		034-67718-0	1
36	Port block metric Corpo bocche metrica	Anschlußblock Metrich Bloque distribuidor metrico	Palier métrique	034-67643-0		1
37	Sq. section seal Guarnizione	Dichttring Junta seccion cuadrada	Joint section carrée	CD	671-10156-0	1
	End cap (metric) Coperchio (metrica)	Deckel (Metrisch) Tapa (metrico)	Chapeau (métrique)		034-66765-0	1
38	End cap (UNC) Coperchio (UNC)	Deckel (UNC) Tapa (UNC)	Chapeau (UNC)		034-66523-0	1
39	Screw Vite	Schraube Tornille	Vis		361-11264-3	7
40	Screw Vite	Schraube Tornille	Vis		361-14324-3	8
41	Screw Vite	Schraube Tornille	Vis	BC	317-06266-0	4
42	Screw Vite	Schraube Tornille	Vis	A	317-10300-3	2
	REPAIR KIT KIT DI RICAMBIO	AUSTAUSCH-BAUGRUPPEN CUNJUNTO REPARACION	POCHETTES RECHANGES			
A	Cart. and plate ass'y B14 C.W. (P1) Ins. cart. B14 oraria (P1)	Pumpeneinheit B14 Rechtslauf (P1) Conjunto cart. y platos B14 giro d. (P1)	Cart. et plaque ass. B14 rot. d. (P1)		S24-76312-*	1
A	Cart. and plate ass'y B14 C.C.W. (P1) Ins. cart. B14 antioraria (P1)	Pumpeneinheit B14 Linkslauf (P1) Conjunto cart. y platos B14 giro i. (P1)	Cart. et plaque ass. B14 rot. g. (P1)		S24-76313-*	1
A	Cart. and plate ass'y B17 C.W. (P1) Ins. cart. B17 oraria (P1)	Pumpeneinheit B17 Rechtslauf (P1) Conjunto cart. y platos B17 giro d. (P1)	Cart. et plaque ass. B17 rot. d. (P1)		S24-76314-*	1
A	Cart. and plate ass'y B17 C.C.W. (P1) Ins. cart. B17 antioraria (P1)	Pumpeneinheit B17 Linkslauf (P1) Conjunto cart. y platos B17 giro i. (P1)	Cart. et plaque ass. B17 rot. g. (P1)		S24-76315-*	1
A	Cart. and plate ass'y B20 C.W. (P1) Ins. cart. B20 oraria (P1)	Pumpeneinheit B20 Rechtslauf (P1) Conjunto cart. y platos B20 giro d. (P1)	Cart. et plaque ass. B20 rot. d. (P1)		S24-76316-*	1
A	Cart. and plate ass'y B20 C.C.W. (P1) Ins. cart. B20 antioraria (P1)	Pumpeneinheit B20 Linkslauf (P1) Conjunto cart. y platos B20 giro i. (P1)	Cart. et plaque ass. B20 rot. g. (P1)		S24-76317-*	1
A	Cart. and plate ass'y B22 C.W. (P1) Ins. cart. B22 oraria (P1)	Pumpeneinheit B22 Rechtslauf (P1) Conjunto cart. y platos B22 giro d. (P1)	Cart. et plaque ass. B22 rot. d. (P1)		S24-76318-*	1
A	Cart. and plate ass'y B22 C.C.W. (P1) Ins. cart. B22 antioraria (P1)	Pumpeneinheit B22 Linkslauf (P1) Conjunto cart. y platos B22 giro i. (P1)	Cart. et plaque ass. B22 rot. g. (P1)		S24-76319-*	1
A	Cart. and plate ass'y B24 C.W. (P1) Ins. cart. B24 oraria (P1)	Pumpeneinheit B24 Rechtslauf (P1) Conjunto cart. y platos B24 giro d. (P1)	Cart. et plaque ass. B24 rot. d. (P1)		S24-76320-*	1
A	Cart. and plate ass'y B24 C.C.W. (P1) Ins. cart. B24 antioraria (P1)	Pumpeneinheit B24 Linkslauf (P1) Conjunto cart. y platos B24 giro i. (P1)	Cart. et plaque ass. B24 rot. g. (P1)		S24-76321-*	1
A	Cart. and plate ass'y B28 C.W. (P1) Ins. cart. B28 oraria (P1)	Pumpeneinheit B28 Rechtslauf (P1) Conjunto cart. y platos B28 giro d. (P1)	Cart. et plaque ass. B28 rot. d. (P1)		S24-76322-*	1
A	Cart. and plate ass'y B28 C.C.W. (P1) Ins. cart. B28 antioraria (P1)	Pumpeneinheit B28 Linkslauf (P1) Conjunto cart. y platos B28 giro i. (P1)	Cart. et plaque ass. B28 rot. g. (P1)		S24-76323-*	1
A	Cart. and plate ass'y B31 C.W. (P1) Ins. cart. B31 oraria (P1)	Pumpeneinheit B31 Rechtslauf (P1) Conjunto cart. y platos B31 giro d. (P1)	Cart. et plaque ass. B31 rot. d. (P1)		S24-76324-*	1
A	Cart. and plate ass'y B31 C.C.W. (P1) Ins. cart. B31 antioraria (P1)	Pumpeneinheit B31 Linkslauf (P1) Conjunto cart. y platos B31 giro i. (P1)	Cart. et plaque ass. B31 rot. g. (P1)		S24-76325-*	1

Spare part list

Hydraulic Pumps

Series T7DBB*, Denison Vane Pumps

Item Pos. Réf. Pos.	Description Descrizione	Benennung Description	Description	Part N° Teil Nr. Code N° Cod. N° Referencia T7DBB		Qty Stück Qté Q.tà Cant.
				Part N° Teil Nr. Code N° Cod. N° Referencia T7DBBS		
A	Cart. and plate ass'y B35 C.W. (P1) Ins. cart. B35 oraria (P1)	Pumpeneinheit B35 Rechtslauf (P1) Conjunto cart. y platos B35 giro d. (P1)	Cart. et plaque ass. B35 rot. d. (P1)	S24-76326-*		1
A	Cart. and plate ass'y B35 C.C.W. (P1) Ins. cart. B35 antioraria (P1)	Pumpeneinheit B35 Linkslauf (P1) Conjunto cart. y platos B35 giro i. (P1)	Cart. et plaque ass. B35 rot. g. (P1)	S24-76327-*		1
A	Cart. and plate ass'y B38 C.W. (P1) Ins. cart. B38 oraria (P1)	Pumpeneinheit B38 Rechtslauf (P1) Conjunto cart. y platos B38 giro d. (P1)	Cart. et plaque ass. B38 rot. d. (P1)	S24-76328-*		1
A	Cart. and plate ass'y B38 C.C.W. (P1) Ins. cart. B38 antioraria (P1)	Pumpeneinheit B38 Linkslauf (P1) Conjunto cart. y platos B38 giro i. (P1)	Cart. et plaque ass. B38 rot. g. (P1)	S24-76329-*		1
A	Cart. and plate ass'y B42 C.W. (P1) Ins. cart. B42 oraria (P1)	Pumpeneinheit B42 Rechtslauf (P1) Conjunto cart. y platos B42 giro d. (P1)	Cart. et plaque ass. B42 rot. d. (P1)	S24-76330-*		1
A	Cart. and plate ass'y B42 C.C.W. (P1) Ins. cart. B42 antioraria (P1)	Pumpeneinheit B42 Linkslauf (P1) Conjunto cart. y platos B42 giro i. (P1)	Cart. et plaque ass. B42 rot. g. (P1)	S24-76331-*		1
A	Cart. and plate ass'y 045 C.W. (P1) Ins. cart. 045 oraria (P1)	Pumpeneinheit 045 Rechtslauf (P1) Conjunto cart. y platos 045 giro d. (P1)	Cart. et plaque ass. 045 rot. d. (P1)	S24-10847-*		1
A	Cart. and plate ass'y 045 C.C.W. (P1) Ins. cart. 045 antioraria (P1)	Pumpeneinheit 045 Linkslauf (P1) Conjunto cart. y platos 045 giro i. (P1)	Cart. et plaque ass. 045 rot. g. (P1)	S24-10848-*		1
A	Cart. and plate ass'y 050 C.W. (P1) Ins. cart. 050 oraria (P1)	Pumpeneinheit 050 Rechtslauf (P1) Conjunto cart. y platos 050 giro d. (P1)	Cart. et plaque ass. 050 rot. d. (P1)	S24-40028-*		1
A	Cart. and plate ass'y 050 C.C.W. (P1) Ins. cart. 050 antioraria (P1)	Pumpeneinheit 050 Linkslauf (P1) Conjunto cart. y platos 050 giro i. (P1)	Cart. et plaque ass. 050 rot. g. (P1)	S24-40029-*		1
B	Cart. and plate ass'y B02 C.W. (P2) Ins. cart. B02 oraria (P2)	Pumpeneinheit B02 Rechtslauf (P2) Conjunto cart. y platos B02 giro d. (P2)	Cart. et plaque ass. B02 rot. d. (P2)	S24-51513-*		1
B	Cart. and plate ass'y B02 C.C.W. (P2) Ins. cart. B02 antioraria (P2)	Pumpeneinheit B02 Linkslauf (P2) Conjunto cart. y platos B02 giro i. (P2)	Cart. et plaque ass. B02 rot. g. (P2)	S24-51514-*		1
B	Cart. and plate ass'y B03 C.W. (P2) Ins. cart. B03 oraria (P2)	Pumpeneinheit B03 Rechtslauf (P2) Conjunto cart. y platos B03 giro d. (P2)	Cart. et plaque ass. B03 rot. d. (P2)	S24-51515-*		1
B	Cart. and plate ass'y B03 C.C.W. (P2) Ins. cart. B03 antioraria (P2)	Pumpeneinheit B03 Linkslauf (P2) Conjunto cart. y platos B03 giro i. (P2)	Cart. et plaque ass. B03 rot. g. (P2)	S24-51516-*		1
B	Cart. and plate ass'y B04 C.W. (P2) Ins. cart. B04 oraria (P2)	Pumpeneinheit B04 Rechtslauf (P2) Conjunto cart. y platos B04 giro d. (P2)	Cart. et plaque ass. B04 rot. d. (P2)	S24-51617-*		1
B	Cart. and plate ass'y B04 C.C.W. (P2) Ins. cart. B04 antioraria (P2)	Pumpeneinheit B04 Linkslauf (P2) Conjunto cart. y platos B04 giro i. (P2)	Cart. et plaque ass. B04 rot. g. (P2)	S24-51518-*		1
B	Cart. and plate ass'y B05 C.W. (P2) Ins. cart. B05 oraria (P2)	Pumpeneinheit B05 Rechtslauf (P2) Conjunto cart. y platos B05 giro d. (P2)	Cart. et plaque ass. B05 rot. d. (P2)	S24-51519-*		1
B	Cart. and plate ass'y B05 C.C.W. (P2) Ins. cart. B05 antioraria (P2)	Pumpeneinheit B05 Linkslauf (P2) Conjunto cart. y platos B05 giro i. (P2)	Cart. et plaque ass. B05 rot. g. (P2)	S24-51520-*		1
B	Cart. and plate ass'y B06 C.W. (P2) Ins. cart. B06 oraria (P2)	Pumpeneinheit B06 Rechtslauf (P2) Conjunto cart. y platos B06 giro d. (P2)	Cart. et plaque ass. B06 rot. d. (P2)	S24-51521-*		1
B	Cart. and plate ass'y B06 C.C.W. (P2) Ins. cart. B06 antioraria (P2)	Pumpeneinheit B06 Linkslauf (P2) Conjunto cart. y platos B06 giro i. (P2)	Cart. et plaque ass. B06 rot. g. (P2)	S24-51522-*		1
B	Cart. and plate ass'y B07 C.W. (P2) Ins. cart. B07 oraria (P2)	Pumpeneinheit B07 Rechtslauf (P2) Conjunto cart. y platos B07 giro d. (P2)	Cart. et plaque ass. B07 rot. d. (P2)	S24-59972-*		1
B	Cart. and plate ass'y B07 C.C.W. (P2) Ins. cart. B07 antioraria (P2)	Pumpeneinheit B07 Linkslauf (P2) Conjunto cart. y platos B07 giro i. (P2)	Cart. et plaque ass. B07 rot. g. (P2)	S24-59973-*		1
B	Cart. and plate ass'y B08 C.W. (P2) Ins. cart. B08 oraria (P2)	Pumpeneinheit B08 Rechtslauf (P2) Conjunto cart. y platos B08 giro d. (P2)	Cart. et plaque ass. B08 rot. d. (P2)	S24-51523-*		1
B	Cart. and plate ass'y B08 C.C.W. (P2) Ins. cart. B08 antioraria (P2)	Pumpeneinheit B08 Linkslauf (P2) Conjunto cart. y platos B08 giro i. (P2)	Cart. et plaque ass. B08 rot. g. (P2)	S24-51524-*		1
B	Cart. and plate ass'y B09 C.W. (P2) Ins. cart. B09 oraria (P2)	Pumpeneinheit B09 Rechtslauf (P2) Conjunto cart. y platos B09 giro d. (P2)	Cart. et plaque ass. B09 rot. d. (P2)	S24-77376-*		1



Spare part list

Hydraulic Pumps
Series T7DBB*, Denison Vane Pumps

Item Pos. Pos.	Description Descrizione	Benennung Description	Description	Part N°		Qty Stück Qté Q.tà Cant.
				Tell Nr. Code N° Cod. N° Referencia T7DBB	Tell Nr. Code N° Cod. N° Referencia T7DBBS	
B	Cart. and plate ass'y B09 C.C.W. (P2) Ins. cart. B09 antioraria (P2)	Pumpeneinheit B09 Linkslauf (P2) Conjunto cart. y platos B09 giro i. (P2)	Cart. et plaque ass. B09 rot. g. (P2)	S24-77377-*		1
B	Cart. and plate ass'y B10 C.W. (P2) Ins. cart. B10 oraria (P2)	Pumpeneinheit B10 Rechtslauf (P2) Conjunto cart. y platos B10 giro d. (P2)	Cart. et plaque ass. B10 rot. d. (P2)	S24-51525-*		1
B	Cart. and plate ass'y B10 C.C.W. (P2) Ins. cart. B10 antioraria (P2)	Pumpeneinheit B10 Linkslauf (P2) Conjunto cart. y platos B10 giro i. (P2)	Cart. et plaque ass. B10 rot. g. (P2)	S24-51526-*		1
B	Cart. and plate ass'y B11 C.W. (P2) Ins. cart. B11 oraria (P2)	Pumpeneinheit B11 Rechtslauf (P2) Conjunto cart. y platos B11 giro d. (P2)	Cart. et plaque ass. B11 rot. d. (P2)	S24-77378-*		1
B	Cart. and plate ass'y B11 C.C.W. (P2) Ins. cart. B11 antioraria (P2)	Pumpeneinheit B11 Linkslauf (P2) Conjunto cart. y platos B11 giro i. (P2)	Cart. et plaque ass. B11 rot. g. (P2)	S24-77379-*		1
B	Cart. and plate ass'y B12 C.W. (P2) Ins. cart. B12 oraria (P2)	Pumpeneinheit B12 Rechtslauf (P2) Conjunto cart. y platos B12 giro d. (P2)	Cart. et plaque ass. B12 rot. d. (P2)	S24-59017-*		1
B	Cart. and plate ass'y B12 C.C.W. (P2) Ins. cart. B12 antioraria (P2)	Pumpeneinheit B12 Linkslauf (P2) Conjunto cart. y platos B12 giro i. (P2)	Cart. et plaque ass. B12 rot. g. (P2)	S24-59018-*		1
B	Cart. and plate ass'y B14 C.W. (P2) Ins. cart. B14 oraria (P2)	Pumpeneinheit B14 Rechtslauf (P2) Conjunto cart. y platos B14 giro d. (P2)	Cart. et plaque ass. B14 rot. d. (P2)	S24-77380-*		1
B	Cart. and plate ass'y B14 C.C.W. (P2) Ins. cart. B14 antioraria (P2)	Pumpeneinheit B14 Linkslauf (P2) Conjunto cart. y platos B14 giro i. (P2)	Cart. et plaque ass. B14 rot. g. (P2)	S24-77381-*		1
B	Cart. and plate ass'y B15 C.W. (P2) Ins. cart. B15 oraria (P2)	Pumpeneinheit B15 Rechtslauf (P2) Conjunto cart. y platos B15 giro d. (P2)	Cart. et plaque ass. B15 rot. d. (P2)	S24-59019-*		1
B	Cart. and plate ass'y B15 C.C.W. (P2) Ins. cart. B15 antioraria (P2)	Pumpeneinheit B15 Linkslauf (P2) Conjunto cart. y platos B15 giro i. (P2)	Cart. et plaque ass. B15 rot. g. (P2)	S24-59020-*		1
C	Cart. and plate ass'y B02 C.W. (P3) Ins. cart. B02 oraria (P3)	Pumpeneinheit B02 Rechtslauf (P3) Conjunto cart. y platos B02 giro d. (P3)	Cart. et plaque ass. B02 rot. d. (P3)	S24-51513-*		1
C	Cart. and plate ass'y B02 C.C.W. (P3) Ins. cart. B02 antioraria (P3)	Pumpeneinheit B02 Linkslauf (P3) Conjunto cart. y platos B02 giro i. (P3)	Cart. et plaque ass. B02 rot. g. (P3)	S24-51514-*		1
C	Cart. and plate ass'y B03 C.W. (P3) Ins. cart. B03 oraria (P3)	Pumpeneinheit B03 Rechtslauf (P3) Conjunto cart. y platos B03 giro d. (P3)	Cart. et plaque ass. B03 rot. d. (P3)	S24-51515-*		1
C	Cart. and plate ass'y B03 C.C.W. (P3) Ins. cart. B03 antioraria (P3)	Pumpeneinheit B03 Linkslauf (P3) Conjunto cart. y platos B03 giro i. (P3)	Cart. et plaque ass. B03 rot. g. (P3)	S24-51516-*		1
C	Cart. and plate ass'y B04 C.W. (P3) Ins. cart. B04 oraria (P3)	Pumpeneinheit B04 Rechtslauf (P3) Conjunto cart. y platos B04 giro d. (P3)	Cart. et plaque ass. B04 rot. d. (P3)	S24-51617-*		1
C	Cart. and plate ass'y B04 C.C.W. (P3) Ins. cart. B04 antioraria (P3)	Pumpeneinheit B04 Linkslauf (P3) Conjunto cart. y platos B04 giro i. (P3)	Cart. et plaque ass. B04 rot. g. (P3)	S24-51518-*		1
C	Cart. and plate ass'y B05 C.W. (P3) Ins. cart. B05 oraria (P3)	Pumpeneinheit B05 Rechtslauf (P3) Conjunto cart. y platos B05 giro d. (P3)	Cart. et plaque ass. B05 rot. d. (P3)	S24-51519-*		1
C	Cart. and plate ass'y B05 C.C.W. (P3) Ins. cart. B05 antioraria (P3)	Pumpeneinheit B05 Linkslauf (P3) Conjunto cart. y platos B05 giro i. (P3)	Cart. et plaque ass. B05 rot. g. (P3)	S24-51520-*		1
C	Cart. and plate ass'y B06 C.W. (P3) Ins. cart. B06 oraria (P3)	Pumpeneinheit B06 Rechtslauf (P3) Conjunto cart. y platos B06 giro d. (P3)	Cart. et plaque ass. B06 rot. d. (P3)	S24-51521-*		1
C	Cart. and plate ass'y B06 C.C.W. (P3) Ins. cart. B06 antioraria (P3)	Pumpeneinheit B06 Linkslauf (P3) Conjunto cart. y platos B06 giro i. (P3)	Cart. et plaque ass. B06 rot. g. (P3)	S24-51522-*		1
C	Cart. and plate ass'y B07 C.W. (P3) Ins. cart. B07 oraria (P3)	Pumpeneinheit B07 Rechtslauf (P3) Conjunto cart. y platos B07 giro d. (P3)	Cart. et plaque ass. B07 rot. d. (P3)	S24-59972-*		1
C	Cart. and plate ass'y B07 C.C.W. (P3) Ins. cart. B07 antioraria (P3)	Pumpeneinheit B07 Linkslauf (P3) Conjunto cart. y platos B07 giro i. (P3)	Cart. et plaque ass. B07 rot. g. (P3)	S24-59973-*		1
C	Cart. and plate ass'y B08 C.W. (P3) Ins. cart. B08 oraria (P3)	Pumpeneinheit B08 Rechtslauf (P3) Conjunto cart. y platos B08 giro d. (P3)	Cart. et plaque ass. B08 rot. d. (P3)	S24-51523-*		1
C	Cart. and plate ass'y B08 C.C.W. (P3) Ins. cart. B08 antioraria (P3)	Pumpeneinheit B08 Linkslauf (P3) Conjunto cart. y platos B08 giro i. (P3)	Cart. et plaque ass. B08 rot. g. (P3)	S24-51524-*		1



Spare part list

Hydraulic Pumps

Series T7DBB*, Denison Vane Pumps

Item Pos. Réf. Pos. Pos.	Description Descrizione	Benennung Descrizione	Description	Part N° Teil Nr. Code N° Cod. N° Referencia T7DBB	Part N° Teil Nr. Code N° Cod. N° Referencia T7DBBS	Qty Stück Qté Q.tà Cant.
C	Cart. and plate ass'y B09 C.W. (P3) Ins. cart. B09 oraria (P3)	Pumpeneinheit B09 Rechtslauf (P3) Conjunto cart. y platos B09 giro d. (P3)	Cart. et plaque ass. B09 rot. d. (P3)	S24-77376-*		1
C	Cart. and plate ass'y B09 C.C.W. (P3) Ins. cart. B09 antioraria (P3)	Pumpeneinheit B09 Linkslauf (P3) Conjunto cart. y platos B09 giro i. (P3)	Cart. et plaque ass. B09 rot. g. (P3)	S24-77377-*		1
C	Cart. and plate ass'y B10 C.W. (P3) Ins. cart. B10 oraria (P3)	Pumpeneinheit B10 Rechtslauf (P3) Conjunto cart. y platos B10 giro d. (P3)	Cart. et plaque ass. B10 rot. d. (P3)	S24-51525-*		1
C	Cart. and plate ass'y B10 C.C.W. (P3) Ins. cart. B10 antioraria (P3)	Pumpeneinheit B10 Linkslauf (P3) Conjunto cart. y platos B10 giro i. (P3)	Cart. et plaque ass. B10 rot. g. (P3)	S24-51526-*		1
C	Cart. and plate ass'y B11 C.W. (P3) Ins. cart. B11 oraria (P3)	Pumpeneinheit B11 Rechtslauf (P3) Conjunto cart. y platos B11 giro d. (P3)	Cart. et plaque ass. B11 rot. d. (P3)	S24-77378-*		1
C	Cart. and plate ass'y B11 C.C.W. (P3) Ins. cart. B11 antioraria (P3)	Pumpeneinheit B11 Linkslauf (P3) Conjunto cart. y platos B11 giro i. (P3)	Cart. et plaque ass. B11 rot. g. (P3)	S24-77379-*		1
C	Cart. and plate ass'y B12 C.W. (P3) Ins. cart. B12 oraria (P3)	Pumpeneinheit B12 Rechtslauf (P3) Conjunto cart. y platos B12 giro d. (P3)	Cart. et plaque ass. B12 rot. d. (P3)	S24-59017-*		1
C	Cart. and plate ass'y B12 C.C.W. (P3) Ins. cart. B12 antioraria (P3)	Pumpeneinheit B12 Linkslauf (P3) Conjunto cart. y platos B12 giro i. (P3)	Cart. et plaque ass. B12 rot. g. (P3)	S24-59018-*		1
C	Cart. and plate ass'y B14 C.W. (P3) Ins. cart. B14 oraria (P3)	Pumpeneinheit B14 Rechtslauf (P3) Conjunto cart. y platos B14 giro d. (P3)	Cart. et plaque ass. B14 rot. d. (P3)	S24-77380-*		1
C	Cart. and plate ass'y B14 C.C.W. (P3) Ins. cart. B14 antioraria (P3)	Pumpeneinheit B14 Linkslauf (P3) Conjunto cart. y platos B14 giro i. (P3)	Cart. et plaque ass. B14 rot. g. (P3)	S24-77381-*		1
C	Cart. and plate ass'y B15 C.W. (P3) Ins. cart. B15 oraria (P3)	Pumpeneinheit B15 Rechtslauf (P3) Conjunto cart. y platos B15 giro d. (P3)	Cart. et plaque ass. B15 rot. d. (P3)	S24-59019-*		1
C	Cart. and plate ass'y B15 C.C.W. (P3) Ins. cart. B15 antioraria (P3)	Pumpeneinheit B15 Linkslauf (P3) Conjunto cart. y platos B15 giro i. (P3)	Cart. et plaque ass. B15 rot. g. (P3)	S24-59020-*		1
D	Seal kit (S1 - 0,7 bar) Serie guarnizioni (S1 - 0,7 bar)	Dichtringsatz (S1 - 0,7 bar) Juego de juntas (S1 - 0,7 bar)	Pochette de joint (S1 - 0,7 bar)	S24-92547-0		1
D	Seal kit (S4 - 7 bar) Serie guarnizioni (S4 - 7 bar)	Dichtringsatz (S4 - 7 bar) Juego de juntas (S4 - 7 bar)	Pochette de joint (S4 - 7 bar)	S24-92547-4		1
D	Seal kit (S5 - 7 bar) Serie guarnizioni (S5 - 7 bar)	Dichtringsatz (S5 - 7 bar) Juego de juntas (S5 - 7 bar)	Pochette de joint (S5 - 7 bar)	S24-92547-5		1
E	Shaft and bearing ass'y (code 1) Ins. albero (codice 1)	Baugruppe (Weile u. Lager) (Typ 1) Conjunto eje cojinete (codigo 1)	Arbre et roulement ass. (code 1)	S24-92476-0		1
F	Shaft and bearing ass'y (code 2) Ins. albero (codice 2)	Baugruppe (Weile u. Lager) (Typ 2) Conjunto eje cojinete (codigo 2)	Arbre et roulement ass. (code 2)	S24-92477-0		1
G	Shaft and bearing ass'y (code 3) Ins. albero (codice 3)	Baugruppe (Weile u. Lager) (Typ 3) Conjunto eje cojinete (codigo 3)	Arbre et roulement ass. (code 3)	S24-92478-0		1
H	Shaft and bearing ass'y (code 4) Ins. albero (codice 4)	Baugruppe (Weile u. Lager) (Typ 4) Conjunto eje cojinete (codigo 4)	Arbre et roulement ass. (code 4)	S24-92479-0		1
J	Shaft and bearing ass'y (code 5) Ins. albero (codice 5)	Baugruppe (Weile u. Lager) (Typ 5) Conjunto eje cojinete (codigo 5)	Arbre et roulement ass. (code 5)	S24-92480-0		1
K	Port plate rear ass'y (P2) Ins. piatto distributore post. (P2)	Steuerplatte (P2) Conj. plato dist. trasero (P2)	Plaque arrière ass. (P2)	S24-58196-0		1
L	Port plate rear ass'y (P3) Ins. piatto distributore post. (P3)	Steuerplatte (P3) Conj. plato dist. trasero (P3)	Plaque arrière ass. (P3)	S24-10808-0		1
M	Port plate rear ass'y C.C.W. (P1) (Only cam ring 045 - 050) Ins. piatto dist. post. Antioraria (P1) (Solo anello camma 045-050)	Steuerplatte Linkslauf (P1) (nur Hubringe 045-050) Conj. plato dist. trasero giro i (P1) (Solo los aros 045-050)	Plaque arrière ass. rot. gauche (P1) (Seulement cammes 045-050)	S24-63710-0		1

[illegible]

Model Code	Typenschlüssel	Désignation - type
Model number	Typenbezeichnung :	Numéro du modèle : T7DBB/T7DBBS :
T7DBB series - ISO 4 bolts 3019-2 125-A2-HW	Baureihe T7DBB - ISO 4 Loch 3019-2 125-A2-HW	Série T7DBB - ISO 4 trous 3019-2 125-A2-HW
T7DBBS series - SAE C 6 bolts Mounting flange J744	Baureihe T7DBBS - SAE C 6 Loch Montageflansch, J744	Série T7DBBS - SAE C 6 trous Bride de montage J744
One letter can be added to specify special parts in series	Optionen	Une lettre peut être ajoutée pour spécifier les pièces spéciales dans la série.
Cam ring for P1 (Volumetric displacement) (ml/rev.) B14 = 44,0 B17 = 55,0 B20 = 66,0 B22 = 70,3	Hubring P1 (Geometrisches Fördervolumen) (cm ³ /U) B24 = 81,1 B28 = 90,0 B31 = 99,2 B35 = 113,4	Came pour P1 (Cylindree théorique) (cm ³ /tr) B38 = 120,6 B42 = 137,5 B45 = 145,7 B50 = 158,0
Cam ring for P2 & P3 (Volumetric displacement) (ml/rev.) B02 = 5,8 B03 = 9,8 B04 = 12,8 B05 = 15,9 B06 = 19,8	Hubring P2 & P3 (Geometrisches Fördervolumen) (cm ³ /U) B07 = 22,5 B08 = 24,9 B09 = 28,0 B10 = 31,8	Came pour P2 & P3 (Cylindree théorique) (cm ³ /tr) B11 = 35,0 B12 = 41,0 B14 = 45,0 B15 = 50,0
Type of shaft T7DBBS 1 = keyed (no SAE) 2 = keyed (SAE CC) 3 = splined 12/24 (SAE C) 4 = splined 12/24 (SAE CC)	Art der Welle T7DBBS 1 = Paßfedervelle (no SAE) 2 = Paßfedervelle (SAE CC) 3 = Vielkeilwelle 12/24 (SAE C) 4 = Vielkeilwelle 12/24 (SAE CC)	Type d'arbre T7DBBS 1 = à clavette (no SAE) 2 = à clavette (SAE CC) 3 = à cannelures 12/24 (SAE C) 4 = à cannelures 12/24 (SAE CC)
Type of shaft T7DBB & T7DBBS 5 = keyed (ISO 3019/2 - G38 M)	Art der Welle T7DBB & T7DBBS 5 = Paßfedervelle (ISO 3019/2 - G38 M)	Type d'arbre T7DBB & T7DBBS 5 = à clavette (ISO 3019/2 - G38 M)
Direction of rotation R = Clockwise L = Counter-clockwise	Drehrichtung R = Rechtslauf L = Linkslauf	Sens de rotation R = à droite L = à gauche
Porting combination 00 = standard	Lage der Anschlüsse 00 = standard	Combinaison des orifices 00 = standard
Design letter	Ausführungsbuchstabe	Conception
Seal class 1 = S1 - BUNA N 4 = S4 - EPDM 5 = S5 - VITON	Dichtungsklasse 1 = S1 - BUNA N 4 = S4 - EPDM 5 = S5 - VITON	Classe de joint 1 = S1 - BUNA N 4 = S4 - EPDM 5 = S5 - VITON
Mounting w/connection variables 4 bolts SAE flange (J518)	Gehäuse-Anschlußgröße SAE Flansch (J518)	Option sur orifices Bride SAE 4 trous (J518)
P1 = 1"1/4 - P2 = 1" - P3 = 3/4" - S = 4"	P1 = 1"1/4 - P2 = 1" - P3 = 3/4" - S = 4"	P1 = 1"1/4 - P2 = 1" - P3 = 3/4" - S = 4"
T7DBB	T7DBB	T7DBB
T7DBBS	T7DBBS	T7DBBS
UNC	UNC	UNC
M1	M1	M1
01	01	01
M1	M1	M1
Modifications	Modifikationen	Modifications

Designazione

Sigla :

Serie T7DBB - ISO 4 fori 3019-2
125-A2-HW
Serie T7DBBS - SAE C 6 fori
Flangia di montaggio J744

Una lettera può essere aggiunta per specificare parti speciali nella serie

Clave de designación

Referencia modelo :

Serie T7DBB - ISO 4 taladros 3019-2
125-A2-HW
Serie T7DBBS - SAE C 6 taladros
Brida de montaje J744

Una letra puede ser añadida para especificar piezas especiales en la serie

Tipo di cartuccia P1
(Cilindrata) (ml/giro)
B24 = 81,1
B14 = 44,0
B17 = 55,0
B20 = 66,0
B22 = 70,3
B35 = 113,4

Aro volumetrico para P1
(Cilindrada) (ml/rev)
B38 = 120,6
B42 = 137,5
B45 = 145,7
B50 = 158,0

Tipo di cartuccia P2 & P3
(Cilindrata) (ml/giro)
B02 = 5,8
B03 = 9,8
B04 = 12,8
B05 = 15,9
B06 = 19,8

Aro volumetrico para P2 & P3
(Cilindrada) (ml/rev)
B11 = 35,0
B12 = 41,0
B14 = 45,0
B15 = 50,0

Tipo de eje T7DBBS
1 = a chiave (no SAE)
2 = a chiave (SAE CC)
3 = scanalato (SAE C)
4 = scanalato (SAE CC)

Tipo de eje T7DBB & T7DBBS
5 = a chiave (ISO 3019/2 - G38 M)

Senso di rotazione
R = Orologio
L = Antiorario

Posición de bocas
00 = estándar

Letra de diseño

Clase de juntas
1 = S1 - BUNA N
4 = S4 - EPDM
5 = S5 - VITON

Dimensioni delle bocche
Flangia SAE 4 drenaggio (J518)

Flangia SAE 4 fori (J518)

P1 = 1"1/4 - P2 = 1" - P3 = 3/4" - S = 4"	
UNC	Metrica
T7DBB	M1
T7DBBS	M1

P1 = 1"1/4 - P2 = 1" - P3 = 3/4" - S = 4"	
UNC	Metrico
T7DBB	M1
T7DBBS	M1

Modifiche

Modificaciones

T7DBB / T7DBBS

- B38 - B14 - B08 - 1 R 00 - A 1 - M1



**WARNING — USER RESPONSIBILITY**

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